

CARBINE HOOKS & OTHER SNAPS / KARABINERS

Delta Pattern

The black 8 mm Delta is the preferred connector to link the Petzl Absorbica to the Jane Lanyard [page 355].



code	bar Ø	Type	gate opening	WLL	price
WIR252B	8mm	PPEDZ08N	10mm	550kg	£6.88
WIR247	10mm	PPEDZ10	12mm	900kg	£6.16
WIR249	12mm	PPEGZ12	15mm	1100kg	£9.22

COMMERCIAL QUICK LINKS

Commercial Quick Links

These are untested quick links which are not suitable for lifting purposes but make a useful lightweight and secure fastening for small chains and accessories.



code	bar Ø	Finish	price
WIR230	3.5mm	BZP	£0.62
WIR231	4mm	BZP	£0.63
WIR232	5mm	BZP	£0.79
WIR232B	5mm	Black	£0.88
WIR233	6mm	BZP	£0.91
WIR233B	6mm	Black	£0.92
WIR234B	7mm	Black	£1.16

KARABINERS

Standards

Connectors used for work positioning and fall arrest should comply with EN 362 which states a minimum strength of 15 kN along the major axis with the gate closed and unlocked and 20 kN for the gate closed and locked. The mountaineering standard EN 12275 exceeds the requirements of EN 362.

Take care

Please ensure that lines connecting karabiners do not get twisted or tangled, especially around the latch, as it is possible, in very rare circumstances, for a twisted line to disengage the safety button and twist the gate to the open position. It is good practice to ensure all lines to any fittings [shackle, rigging screw, lanyard connectors etc.] pull in the required direction along the major axis before applying loads.

STEEL GENERAL PURPOSE KARABINERS TO EN362

Foin D Karabiners 25 kN

Economical steel connectors which comply to EN 362 for use in work positioning or fall arrest. Available with Twistlock or the very popular screwgate. Overall height: 105 mm, overall width: 57 mm.



Screwgate

Twistlock

code	Type	gate opening	min BL major axis	price
SAF4247	Twistlock	16mm	25kN	£21.41
SAF4249	Screwgate	18mm	25kN	£8.18

Offset D Screwgate Karabiner 45 kN [C812]

These steel karabiners are suitable for fall arrest and work positioning purposes. CE marked to EN 362:2004/B 45 kN.



code	gate opening	min BL major axis	price
SAFC812	18mm	45kN	£17.55

Captive Eye Karabiners 50 kN [KH301SG]

This steel karabiner is fitted with a screwgate. Suitable for fall arrest and work positioning. CE Marked to EN 362:2004/T 50 kN.

✓ Ideal for use as a robust end connector for a lanyard



code	gate opening	min BL major axis	price
SAFKH301SG	18mm	50kN	£19.77

ALLOY GENERAL PURPOSE KARABINERS

OK Screw Lock Black M33ASLN

Ideal for use with pulleys and hauling systems. The symmetrical oval aluminium H profile frame facilitates pulley use; ideal for clipping anchors [easy to flip over]. The compact shape is easy to use with one hand. Keylock System ensures a snag-free body/gate interface. CE EN 362, EAC.

✓ Great with Fixe and Pro Traxion Pulleys and Ascension Rope Clamps

✓ Red band visual warning indicates if karabiner is not fully locked



code	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
PETM33ASLN	22mm	25kN	7kN	8kN	£14.00

Am'D Ball Lock Karabiner

The D-ball system offers a quicker one-handed operation. The D-ball system is easy to use indoors but not so good with cold gloved hands where a screwgate or twistlock would be preferred. Now fitted with an alloy barrel. CE marked EN 362 and EN 12275 type B/K.



code	gate opening	min BL major axis	price
PETM34ABL	22mm	28kN	£20.00

Am'D Screw Lock Karabiner

A multipurpose karabiner for connecting devices to a harness or to use at the end of a lanyard. Asymmetric shape for exceptional weight to strength ratio. When loaded the karabiner is oriented in the optimal working axis. CE marked EN 362 and EN 12275 type B.



code	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
PETM34ASL	22mm	28kN	8kN	7kN	£16.00

Any unit that has arrested a falling weight should be replaced immediately.

KARABINERS

HMS KARABINERS

HMS Strike Triple Karabiner

A matt black triple-locking karabiner ideal for use in belay systems. Height: 100 mm, width: 70 mm. Complies to EN 362:2004, EN 12275.



PPE

CE

code	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
SAF88262	21mm	22kN	7kN	8kN	£17.50

What does HMS mean?

Well, it means Halbmasterwurf-sicherung! This is the German name for a Munter Hitch [Italian Hitch] which is similar to half a clove hitch and is used for controlled descent in belay systems. The wider shape of the karabiner is useful in this application to prevent bunching.

SPECIAL PURPOSE KARABINERS

Petzl OMNI

This is the recommended connector for use with any harness having two attachment points that must be joined with a connector. Designed to be loaded on all three axes

Available in screw lock or TRIACT-LOCK.

These conform to CE EN 362 and CE EN 12275 type B, UKCA



code	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
PETM037AA00	15mm	20kN	7kN	15kN	£24.00
PETM037BA00	15mm	20kN	7kN	15kN	£28.00

Revolver A277 Locksafe Karabiner

Suitable for fall protection, rescue, rope access and arborist purposes. The built-in sheave makes this a great choice for deviating lines. Fitted with a very neat revolving sheave for emergency use. Approved to EN 362:2004 B.



PPE

CE

code	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
WIRA277	15mm	24kN	8kN	8kN	£33.85

Twister

Twister is a compact lightweight connector that has an integrated swivel feature, making it very useful when there is a need to manage twisting cables or when it is necessary to rotate the load relative to the anchor. The Twister can be used as a connector on fall arresters as it can remain captive on a system yet allows rotation by the user and is quick, easy and secure when connected. Fitted with "Super Safe" Lift, turn, open gate. CE0120 EN 362 04T.



PPE

CE

code	gate opening	min BL major axis	price
SAFKH255SS	15mm	27kN	£31.58

Kong Ovalone DNA Twistlock Karabiner

Special "helical" karabiner that allows the 90 rotation of the connected article. Smooth circular profile. CE EN 362/B.



CE

code	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
TOL414110	19mm	40kN	12kN	15kN	£24.55

PULLEY KARABINERS

These Petzl ROLLCLIP pulley-karabiners would be a valuable addition to any rigger's kit. The two types are differentiated not only by their shape, but also by the gate opening direction. The Petzl ROLLCLIP A opens "downwards" with the opening next to the roller, and the Petzl ROLLCLIP Z opens "upwards" with the opening away from the roller. The H cross-section of both improves the strength-to-weight ratio, and protects markings from abrasion. Highly compact and lightweight solution compare to carrying a pulley and a shackle/connector.

ROLLCLIP A

These Petzl ROLLCLIP pulley-karabiners would be a valuable addition to any rigger's kit. The two types are differentiated not only by their shape, but also by the gate opening direction. The Petzl ROLLCLIP A opens "downwards" with the opening next to the roller, and the Petzl ROLLCLIP Z opens "upwards" with the opening away from the roller. The H cross-section of both improves the strength-to-weight ratio, and protects markings from abrasion. Highly compact and lightweight solution compare to carrying a pulley and a shackle/connector. Designed to be used as a pulley that is pre-attached to an anchor point prior to installing the rope. It can be locked into position on the anchor using a CAPTIV positioning bar, which also favours the loading along the major axis and limits the risk of flipping. The sheave is mounted on sealed ball bearings for excellent efficiency. The gate opens "downwards" - next to the roller for easy installation of the rope. TRIACTlock for peace of mind.

SPECIFICATION: Material: Aluminium, Rope Ø: 7-13 mm, Sheave Ø: 18 mm, Max. Working Load: 2 x 2 = 4 kN, Efficiency: 85%. Certification: CE EN 362, EN 12275, EN 12278, EAC.



PPE

CE

code	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
PETP74TL	22mm	25kN	7kN	8kN	£42.00

ROLLCLIP Z

Designed to be used as a fast movable connection to an anchor point or device. It would be ideal for using as a positioning aid on a horizontal line by inverting it and placing the roller on the line; the item can then hang below and easily dragged into horizontally into position. Screwlock with red security band for easy visual check if unlocked.

SPECIFICATION: Material: Aluminium, Rope Ø: 7-13 mm, Sheave Ø: 18 mm, Max. Working Load: 2 x 2 = 4 kN, Efficiency: 85%. Certification: CE EN 362, EN 12278, EAC.



PPE

CE

code	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
PETP75SL	21mm	25kN	7kN	8kN	£38.00

ULTRALIGHT KARABINERS

Spirit Curved Gate

This ultralight smooth action sports karabiner has a bent non-locking gate to make clipping a breeze. For rapid attachment - not for PPE

Certification: CE EN 12275 Type B



NEW

code	Colour	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
PETM061AB02	Grey	24mm	23kN	8kN	7kN	£10.00
PETM061AB06	Yellow	24mm	23kN	8kN	7kN	£10.00

BRAKING KARABINER

Freino

This karabiner has an extra friction spur to help control descent. It allows the rope to be quickly redirected over the friction spur and removed with one hand. Ideal for use with the RIG, I'D, Stop and Huit [pages 360]. CE EN 362, CE EN 12275 type B, UIAA 121.

✓ For extra control during descents



code	weight	gate opening	min BL major axis	min BL open gate	min BL minor axis	price
PETM42	85g	15mm	25kN	9kN	10kN	£36.00

BS EN 362

This is the standard relating to Personal Protective Equipment against falls from a height: Connectors.

SCAFFOLD KARABINERS TO EN 362

PETZL MGO OPEN 60

This brilliant connector from Petzl features a gated connection point [like the open ring, page 210] that allows the user to switch the lanyard out to vary the length, or replace if damaged, without replacing the connector. Any unit which has arrested falling weights should be replaced immediately. CE EN 362, EAC

✓ Special connection point helps keep the karabiner loaded on the major axis

✓ Ergonomic unlocking handle



code	Material	gate opening	min BL major axis	price
PETMG0060	Aluminium	63mm	25kN	£60.00

Alloy Scaffold Hooks [captive eye]

Tested to 25 kN. 60 mm wide dual action opening for ease of operation. Ergonomically shaped unlocking handle. Available in black. Suitable for fall arrest provided it is used according to instructions. Any unit which has arrested falling weights should be replaced immediately. Conforms to CE EN 362.



code	Type	gate opening	min BL major axis	price
WIR228	Standard	60mm	25kN	£46.98
SAFE3787B	Black	60mm	25kN	£39.55

Scaffold Carbine

This large, tested carbine will clip directly over 50 mm diameter tube making securing lanyards, rigging rope ladders and blocks a quick, safe operation. Also useful for securing tool bags, paint kettles and buckets to scaffold towers. A pin is provided to form a captive eye if it is needed. Suitable for fall arrest provided they are used according to instructions. Any unit which has arrested falling weights should be replaced immediately. CE marked EN 362:2004/T.



code	Material	length	fits tube Ø	min BL	price
WIR229	Steel	230mm	50mm	35kN	£41.31

KONG FROG FAST CONNECTORS

Kong Frogs

These are super fast connectors with a 13 mm jaw width. Just touch the Frog against cable, rope or another connector and the patented end design slams shut instantly grabbing the item and you have a secure connection able to withstand 23 kN! [26 kN for the Kong Frog Cable]. The Kong Frog eliminates fiddling with karabiner gates while trying to make an awkward connection. Use it to reach for a flying wire for brailing purposes. Use it for action onstage when a clean instant pick up is needed. Really well thought out and useful bits of rigging kit. CE Marked. Conformity: EN 362:2004/A/T, EN 12275. The Kong Frog comes in two types:

Kong Frog with a short 94 mm web stop which can be used to connect to any karabiner, shackle or brail line.

Kong Frog Cable which has no stop, but does have an 11 mm Ø hole for your own lanyard attachment.



11m Ø hole for attachment



Frog with short web stop

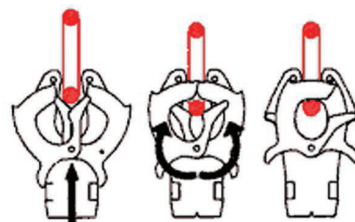


Diagram detailing the mechanism

code	description	jaw width	min BL	price
TOLFROGN	Kong Frog [with web stop]	13mm	23kN	£19.98
TOLFROGC	Kong Frog cable	13mm	26kN	£22.69

SKY HOOKS

Sky Hook

We can't see what use these would be in the theatre but the next time the young apprentice gets asked to order some sky hooks from Flints their line manager will get a shock when the invoice arrives.



code	price
PETP06	£15.00